<u>In the Specification</u>

Page 15, line 15, delete "and" and insert --of-- before "cryptopain," and delete "of";

Page 27, line 11, delete "or of" and insert instead --and--.

<div align="center"><u>REMARKS</u></div>

This Amendment and Remarks are filed in response to the Office Action dated October 22, 2002 wherein all claims stand rejected.

<div align="center"><u>Rejections Under 35 USC 102(a)</u></div>

Claims 19-24 and 40-49 are rejected under 35 USC 102(a) as being anticipated by Nesterenko et al ("Nesterenko"). Nesterenko discloses antibodies that bind to a surface antigen proteinase of 24 kD associated with sporozites of *Crytosporidium parvum* from fecal specimens (abstract and page 77). This surface antigen protease was inhibited by inhibitors of both metalloproteinases and thiol proteinases, but not serine or aspartyl proteinase inhibitors (page 85). The sensitivity of the membrane-associated cysteine protease to inhibitors is similar to that of the metallo-activated cysteine proteinasescalpain I and II (page 86). Therefore, the evidence seems to suggest that Nasterenko's cysteine protease is the same antigen that comprises SEQ ID Nos: 4-6 of the instant application, and antibodies to this antigen inherently meet the limitations of the instant claims (see page 79 and 81 also for antibody-antigen complex formations; page 78 for radioactive labeling) given the evidence at hand and absent evidence to the